



Creating attractive inner-city landscapes

OptiSpace is a creative bollard solution which enables you to build a more attractive, citizen-centric inner-city space by avoiding verticalisation of the urban landscape. OptiSpace delivers all this and more while delivering an attractive TCO for your investment. Enabled by the different control options you can reduce energy consumption and minimise TCO further and thanks to the excellent and optimised light distribution options you can maximise spacing between the bollards, thereby minimising the number of light points needed to be installed. To support different design schemes, OptiSpace is also available in different colours: Ultra Dark Grey is the standard colour and other colours are available on request.

Benefits

- A discreet design, nicely blending into modern inner-city spaces
- Attractive Total Cost of Ownership
- Compliant with key national and international regulations in Europe

Applications

- Parks and squares
- Pedestrian and cycle paths
- Building facades and car parks

Features

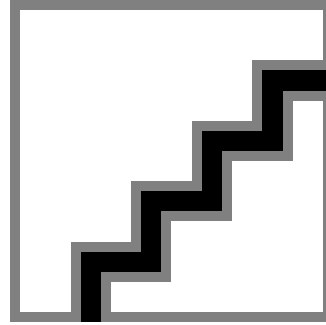
- Enabling wide spacing, up to 20 metres
- Delivering up to 4,300 lm light output
- IP66 and IK10 ratings

- Warm White (WW)/Neutral White (NW) colour temperature options
- Choice of both asymmetric and symmetrical optics
- Ground section accessory

Versions



OptiSpace-BCB500



OptiSpace-BCB500 ANB

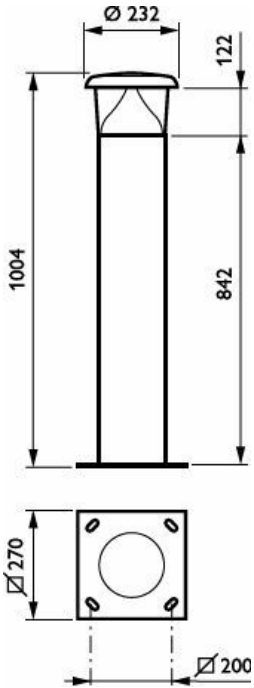
Dimensional drawing



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



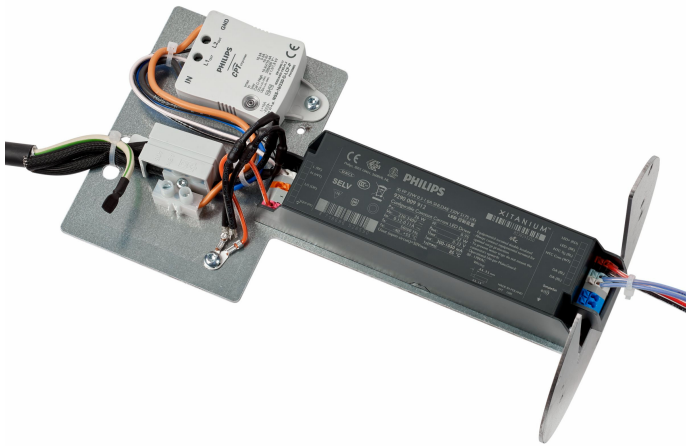
BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR



BCB500 LED27-4S/740 ANB14 II A DGR

Product details

OptiSpace-BCB500
-5DPP.TIF



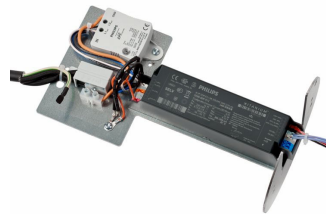
OptiSpace-BCB500
-1DPP.TIF



OptiSpace-BCB500
-9DPP.TIF



OptiSpace-BCB500
-7DPP.TIF





OptiSpace-BCB500
-2DPP.TIF



OptiSpace-BCB500
-3DPP.TIF



OptiSpace-BCB500
-4DPP.TIF



OptiSpace Sparepart



OptiSpace-BCB500
-6DPP.TIF



OptiSpace-BCB500
-10DPP.TIF

General Information

| | |
|--------------------------|------|
| Light source replaceable | Yes |
| Number of gear units | Unit |
| Driver included | Yes |
| Service Tag | Yes |

Light Technical

| | |
|-------------------------------------|-------------------|
| Upwards light output ratio | 0 |
| Correlated Colour Temperature (Nom) | 4000 K |
| Colour rendering index (CRI) | 70 |
| Light source colour | 740 neutral white |

Operating and Electrical

| | |
|--|--|
| Surge Protection (Common/Differential) | Surge protection level until 6 kV differential mode and 6 kV common mode |
|--|--|

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|--------------------------------|---|
| Housing Colour | Black |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |
| Optical cover type | Polycarbonate cover and gloss high-reflective optic |

Approval and Application

| | |
|-------------------|---|
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |

Over Time Performance (IEC Compliant)

| | |
|------------------------------------|-------|
| Driver failure rate at 5,000 hours | 0.5 % |
|------------------------------------|-------|

Product Data

| | |
|---------------------|----------------------------|
| Product family code | BCB500 [OPTISPACE BOLLARD] |
|---------------------|----------------------------|

General Information

| Order Code | Full Product Name | Lamp family code |
|--------------|------------------------------------|------------------|
| 912300024101 | BCB500 LED56-4S/740 S DGR | LED56 |
| 912300024102 | BCB500 LED56-4S/740 ANB14 II S DGR | LED56 |
| 912300024103 | BCB500 LED27-4S/740 ANB14 II A DGR | LED27 |

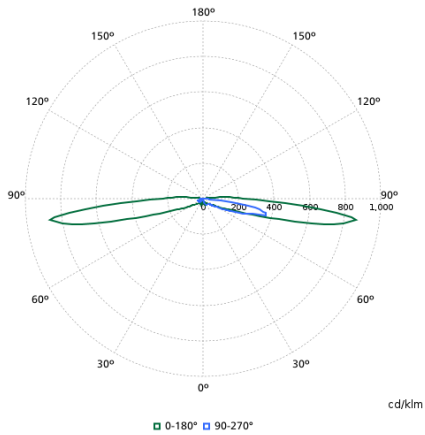
Light Technical

| Order Code | Full Product Name | Luminous Flux | Luminaire light beam spread | Optic type outdoor |
|--------------|------------------------------------|---------------|-----------------------------|--------------------|
| 912300024101 | BCB500 LED56-4S/740 S DGR | 4,900 lm | 177° | Symmetrical |
| 912300024102 | BCB500 LED56-4S/740 ANB14 II S DGR | 4,900 lm | 177° | Symmetrical |
| 912300024103 | BCB500 LED27-4S/740 ANB14 II A DGR | 2,400 lm | 7° - 9° x 177° | Asymmetrical |

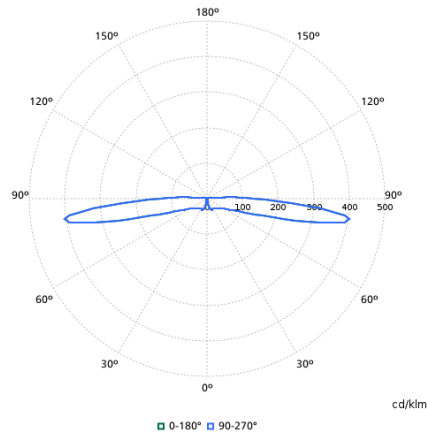
Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|--------------|------------------------------------|-------------------|
| 912300024101 | BCB500 LED56-4S/740 S DGR | 37.2 W |
| 912300024102 | BCB500 LED56-4S/740 ANB14 II S DGR | 37.2 W |
| 912300024103 | BCB500 LED27-4S/740 ANB14 II A DGR | 20 W |

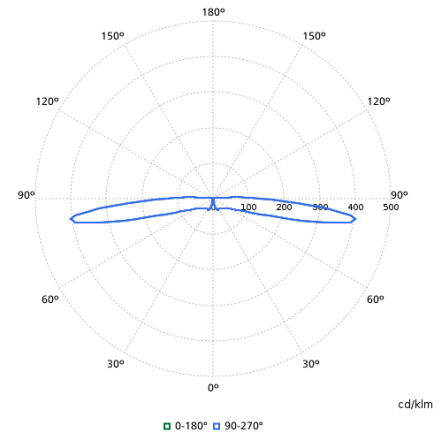
Polar normal diagrams



BCB500I - 912300024103



BCB500I - 912300024101



BCB500I - 912300024102